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ABSTRACT

The academic progress (i.e., retention, graduation, and credit accumulation) of students who entered the City University of New York as first-time freshmen in the fall semesters 1970-74 is reviewed in order to update previously reported information. Data are given by college level and for the individual colleges of the univeristy, by high school average categories, by sex, by characteristics of students' area of residence, and by high school type. Three measures of academic progress are used: enrollment in a given semester or cumulative graduation by the end of the semester; accumulation of a specified number of credits by the end of a given semester or cumulative graduation by the end of that semester; and cumulative graduation by the end of the given semester. The findings are generally consistent with those previously published, although the data on credit accumulation may still contain serious shortcomings. Comparative statistics show that CUNY graduation rates for 1970 and 1971 entrant were lower than the national average, but after five years the CUNY senior college graduation rates were similar to the four-year rates for the national sample of public institutions. (LBH)

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ACADEMIC PROGRESS AT THE CITY UNIVERSITY OF NEW YORK: SEPTEMBER 1970 TO JUNE 1975

November, 1976

Office of Program and Policy Research
CITY UNIVERSITY OF NEW YORK
535 East 80th Street
New York, New York 10021

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by

Barry Kaufman and Susan A. Loveland

November, 1976

Office of Program and Policy Research
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ACADEMIC PROGRESS AT
THE CITY UNIVERSITY OF NEW YORK

INTRODUCTION

This report concerns the academic progress (i.e., retention, graduation, and credit accumulation) of students who entered The City University of New York as first-time freshmen in the fall semesters 1970-1974. The purpose of the report is to update previously reported information.* The data currently available[1] range from five years after admission for the fall 1970 entrants, the first to be admitted under the CUNY open admissions policy, to one year after admission for the fall 1974 entrants. The number of years or semesters for which data are available for each fall entering class since 1970 and the kinds of comparisons possible are illustrated below:

Years and Semesters for Which Data Are Available

Cohort	1 Yr. or 2 Sem.	2 Yrs. or 4 Sem.	3 Yrs. or 6 Sem.	4 Yrs. or 8 Sem.	5 Yrs. or 10 Sem.
1970	X	X	X	X	X
1971	X	X	X	X	
1972	X	X	X		
1973	X	X			
1974	X				

*cf., Barry Kaufman and Rena Botwinick, Student Retention and Graduation at the City University of New York: Fall 1970 to Spring 1974, New York: City University of New York, 1975; David E. Lavin, Open Admissions at the City University of New York: A Description of Academic Outcomes After Two Years, New York: City University of New York, 1974.

The report provides information by college level and for the individual colleges of the City University, by high school average categories, by sex, by characteristics of students' area of residence, and by high school type. It is suggested that the reader take into consideration the following caveats and definitions in interpreting and utilizing the data contained herein:

(1) The data are still undergoing validation procedures. Prior experience indicates that graduation and enrollment figures may not be significantly altered upon completion of the validation procedures. The same cannot be said for the data on credit accumulation. Procedures we have applied to test the soundness of these data strongly indicate that the credits earned by students are under-reported, especially by the senior colleges. Consequently, the percentages of students shown as attaining given levels of credit accumulation may be lower than is actually the case.

(2) The students described in the report refer to all those who entered as first-time, matriculated, day session freshmen in the specified fall semesters. This includes regular admissions students, special

program students (e.g., SEEK), and students for whom information on high school average was not available (those with high school equivalence diplomas, students from outside New York City, and those for whom the data were missing).

(3) The graduation and retention figures in this report do not reflect the total numbers of graduates from and enrollees at CUNY in the semesters shown. Excluded from these data are: first-time freshmen in the spring or summer semesters; those who entered as evening and part-time students; students who enrolled prior to 1970; and students transferring to CUNY from other institutions.

(4) Students who left the University prior to graduation are counted as attrited (not enrolled), even though they may have transferred to and been graduated from a college outside the CUNY system. Information is not available on the number of students in this category nor on their current status.

(5) Although the data have been tabulated by college of original enrollment, the tables have been con-

structed such that it is possible to examine the progress of students who start at one level (e.g., community college) and transfer to another level (e.g., senior college). The percentage of senior college entrants who transfer to a community college is quite small and is not discussed in the report, although data are provided for the entrants in the tables. Thus all senior college cohort findings refer to the "at the senior college (SC)" percentages. Similarly, the number of community college entrants transferring to senior colleges does not become substantial until the third year. Thus all first and second year community college cohort findings refer to the "at the community college (CC)" percentages.

(6) Three measures of academic progress are used in the report: enrollment in a given semester or cumulative graduation by the end of that semester; accumulation of a specified number of credits by the end of given semester (regardless of whether enrolled in that semester or not) or cumulative graduation by the end of that semester; and cumulative graduation by the end of the given semester. Since a student may be counted in

all three measures (or in both columns, "at CC" and "at SC", of the same measure) in a given year, it is important to realize that the percentages are not additive. For example, at the end of three years, a community college graduate will be counted in the "at CC" columns of all three measures; further, if the student was enrolled in a senior college in the sixth semester he/she would also be counted in the "at SC" enrollment column and possibly in the "at SC" credit accumulation column. All percentages in the tables are based on the number of first semester freshmen.

(7) If the reader wished to compute the enrollment (or retention) rate in a given semester, exclusive of graduates, or the number of students who attained a given level of credit accumulation (regardless of whether enrolled or not), exclusive of graduates, this is easily done. In Table 2, of the 14,582 first semester community college freshmen in 1970, 38.4% had either been graduated or enrolled at CC in the sixth semester; the sixth semester cumulative graduation rate at CC was 20.0%. Subtracting the cumulative graduates at CC (20.0%) from the cumulative graduates or enrolled at CC (38.4%) gives the sixth semester enrollment rate at CC (18.4% of the original entrants); another 15.0% of the entrants were enrolled at SC.

(8) The data of this report are descriptive and do not lend themselves to causal explanations.

ACADEMIC PROGRESS: 1970, 1971, 1972, 1973, 1974 FRESHMEN[2]

College Level

The available data for the five year period, September 1970 - June 1975, are summarized for the senior college cohorts in Table 1.* It can be seen that, with the exception of the 1974 cohort, senior college enrollment-graduation as a percentage of the original cohort has declined slightly with each succeeding cohort, irrespective of semester of comparison. This is illustrated in the following table.

	Percent of Senior College Entrants Enrolled-Graduated After...				
Senior College Entrants	1 Yr.	2 Yrs.	3 Yrs.	4 Yrs.	5 Yrs.
1970	88.9	74.4	63.0	55.0	48.7
1971	88.0	71.2	57.3	52.1	
1972	86.9	68.0	56.3		
1973	85.7	68.4			
1974	87.6				

*Tables appear at the end of the report.

After four years (or eight semesters), there was very little difference between the 1970 and 1971 entrants in the cumulative number of graduates. Note that from the fourth year to the fifth year there was a sizeable increase in the graduation rate among the 1970 entrants (from 21.5% after four years to 34.9% after five years). Time will tell whether this increase will occur among the 1971 entrants.

The percentage of the cohort earning at least 24 credits a year has decreased successively with each entering cohort since 1970.[3] For example, 50.3% of the 1970 entrants, but only 32.4% of the 1974 entrants earned 24 or more credits after the first year. This lower rate of credit accumulation may affect cumulative graduation rates for the later fall entrants.

The comparable data for the 1970-1974 community college cohorts (Table 2) do not show the same trends regarding enrollment and graduation rates. However, there is a similar trend in lower credit accumulations through time (29.9% of the 1970 entrants, but only 16.8% of the 1974 entrants earned 24 or more credits after the first year).

These percentage differences between the community college cohorts are not as great as those between the senior college cohorts, possibly due to the initially low percentage of community college entrants earning at least 24 credits.

The percent being graduated from community colleges, as shown below, starts occurring in reasonable numbers in the second year, and peaks in the third year, thereafter increasing only slightly.

Percent of Community College Entrants Graduated After...

Community College Entrants	2 Yrs.	3 Yrs.	4 Yrs.	5 Yrs.
1970	7.5	20.0	23.1	24.6
1971	7.4	20.3	23.9	
1972	6.2	21.0		
1973	5.8			

Most transfers to the senior colleges occur beginning in the third year. By the end of the fourth year a similar percentage of the 1970 and 1971 community college entrants had been graduated from a senior colllege, 2.9% and 2.1% respectively; by the end of

five years 7.0% of 1970 community college entrants had been graduated from a senior college. In light of the enrollment and credit accumulation percentages of these two cohorts, it is reasonable to expect further increases in the number of graduates at both community colleges and senior colleges in later semesters.

College-by-College

It can be seen in Table 3 that, as regards the senior college entrants' second semester performance, Brooklyn and Queens Colleges consistently rank in the top two in percentage of students earning at least 24 credits and are among the highest in enrollment percentages. Except for 1972 cohort enrollment percentages, Medgar Evers college ranks lowest on the two criteria. Otherwise there are fluctuations in percentages and ranks among the senior colleges from cohort to cohort. Although there is an occasional exception, the trend to decreasing credit accumulation across cohorts is evident on an individual college basis.

The comparable college-by-college two semester data for community college entrants (Table 4) also shows

decreasing credit accumulations, with a few exceptions (Kingsborough Community College in 1971 and Hostos and Staten Island Community Colleges in 1972). Except for the 1970 and 1971 enrollment data, Bronx Community College usually shows the lowest percentage enrolled and the lowest percentage earning at least 24 credits. There are no other discernible trends.

Among the 1970 and 1971 senior college entrants after four years and five years (Tables 7 and 10), Brooklyn and Queens Colleges maintain their consistently higher rankings in terms of enrollment and credit accumulation; they, along with Lehman College (at which 120, rather than the usual 128 credits, are required for graduation), also have the highest graduation rates. With the exception of John Jay and Queens Colleges, the 1970 senior college entrants had a higher four year graduation rate than the 1971 entrants.

Among the 1970 community college entrants, those who originally enrolled at Borough of Manhattan, Kingsborough, and New York City Community College had the highest community college graduation rates after four years and five years (Table 7). Among the 1971 community college entrants, those who originally enrolled

at LaGuardia Community College had the highest graduation rate after four years (45.9% graduated), followed by Kingsborough and Borough of Manhattan Community Colleges (Table 10). Among community college entrants transferring to senior colleges, those from Staten Island, Borough of Manhattan, and Kingsborough Community Colleges had the highest graduation rates after five years (Table 7).

High School Average[4]

It is apparent from Tables 5 and 6 that all second semester performance indicators are related to the students' high school averages; this is especially true of senior college credit accumulation. The decline across cohorts in the percentage of students earning at least 24 credits obtains for all CAA categories with some fluctuations for the 1972 community college cohort. For any given cohort and CAA level, the percentage of senior college entrants enrolling for the second semester exceeds that of the community colleges. High CAA ($\geq$80) senior college entrants earn 24 or more credits at a higher rate than comparable community college entrants, but lower CAA (less than 75) community college entrants earn 24 or more credits at a higher rate than comparable senior college entrants.

The four and five year data (Tables 8, 9, 11, 12) for the 1970 and 1971 cohorts show the same relationship between high school average and performance indicators, with the greatest differences in the percentages of senior college entrants earning given credit accumulations.

In comparing the four year academic progress of the 1970 and 1971 senior college cohorts (see Tables 8 and 11), it is apparent that the 1970 cohort has slightly, but almost consistently outperformed the 1971 senior college cohort, with the greatest differences occuring in the higher CAA categories; the one exception is the percentage of lowest (< 70) CAA students graduating. As regards the increase in graduates by CAA from four to five years for the 1970 senior college cohort (Table 8), the percent of students at the lowest (<70) CAA category rises 6.2% (from 2.8% to 9.0%), while for the highest (≥80) CAA category the increase is 15.6%, indicating that the percentage difference in cumulative graduation rates between categories of high school averages is increasing.

The four year performance of the 1970 and 1971 community college cohorts (see Tables 9 and 12) by high school average is quite similar. The increase in graduations

from four to five years at community colleges is a little more than 1% for all CAA categories and it is around 5% at senior colleges, except for the below 70 CAA group where the increase is 2.3%.

With one exception (the five year 1970 senior college highest CAA group), the community college graduation rate at community colleges exceeds that of the senior college graduation rate at senior colleges at every CAA level. However, the community college data cover a period two to three years beyond the "on-time" graduation date while the senior college data cover a period no more than one year beyond the "on-time" graduation date.[5]

Male-Female

Women, as a group, consistently outperform men. Among the senior college entrants, a higher percentage of women than men earn 24 or more credits after one year. (See Table 5.) However, the percentage difference between women and men earning at least 24 credits after one year has been decreasing through time. Thus, among the 1970 entrants, 10.5% more of the women than men earned 24 or more credits after one year; among the 1974 entrants, 4.9% more of the women than men earned at least 24 credits after the first year.

The above observations obtain for the one year community college cohort comparison (Table 6), except for the 1972 male entrants earning at least 24 credits in the first year. In general the differences between females and males, as well as between high school average categories, are less pronounced at the community colleges than senior colleges.

The senior college cohort tabulations after four years (Tables 8 and 11) demonstrate that women continue to outperform men; this finding also obtains for community colleges (see Tables 9 and 12). From four years to five years after entry the senior college female cumulative graduation rate increased by 12.0% while that of the males increased by 15.3%, suggesting that the percentage difference between male and female graduates may narrow over time.*

Residential Area Characteristics[6]

The University data file on fall entering freshmen does not contain information on either the

*cf. Elaine H. El-Khawas and Ann S. Bisconti, Five and Ten Years After College Entry, Washington, D.C.: American Council on Education, 1974.

race-ethnicity or family income of students. Using data from the 1970 United States Census, it was possible to classify students' areas of residence (ZIP code) along these dimensions. This could only be done for students residing in New York City, and refers to their residence at the time of application to CUNY.

Among senior college entrants, second semester enrollment and credit accumulation after one year (Table 5) were positively associated with median family income of students' residential areas, regardless of whether or not the students came from predominantly white or minority areas. That is, within race-ethnicity groups those from areas of higher median family income were more likely than those from areas of lower median family income to attain the academic progress criteria. Moreover, race-ethnicity of residential area was strongly related to credit accumulation such that higher percentages of students from predominantly white areas attained at least 24 credits after one year than students from minority areas. In general, these relationships were much less pronounced among community college entrants (Table 6).

The relationships between race-ethnicity and median family income of residential area and academic progress (including graduation) are maintained for the 1970 and 1971 senior college entrants after four years and five years (Tables 8 and 11). However, among community college entrants the residential area characteristics do not differentiate their academic progress as well after four years and five years (Tables 9 and 12).

High School Type[7]

Academic progress is also related to the nature of the high school which the student attended prior to entering CUNY. (See Tables 5, 6, 8, 9, 11, 12.) Thus, a higher percentage of students from New York City public high schools whose students scored highest (Type I) on the State Regents Scholarship Examination attain the academic progress criteria than from New York City public high schools whose students scored less (Type IV).

Senior college entrants from New York City private high schools consistently rank high within each cohort with respect to second semester credit ac-

cumulation; community college entrants from New York City private high schools consistently rank even higher within their respective cohorts.

At the end of four and five years for the 1970 and 1971 cohorts, the nature of the high school still differentiates among the percentages of both senior and community college entrants meeting the achievement criteria. Entrants from the Type I public high school generally rank highest on all the academic progress criteria; those from private high schools also rank high, especially with respect to the credit accumulation criterion. (see Tables 8, 9, 11 and 12.)

COMPARATIVE GRADUATION RATES: CUNY AND A NATIONAL SAMPLE

Data from national studies have been considered important since they are assumed to provide the necessary baseline by which the performance of City University students can be compared. Tables 13 and 14 present data for a national sample of students who entered two year and four year public colleges in 1966 and students who entered CUNY in 1970 and 1971.

The senior college data (Table 13) show that CUNY graduation rates (1970 and 1971 entrants) after four years were lower than

those for the national sample after four years. This was the case for each high school average category. However, after five years the CUNY senior college graduation rates were similar to the four year rates for the national sample of public institutions.

Within each high school average category, the CUNY community college graduation rates were higher than those for the national sample of public institutions (Table 14).

CONCLUSION

This report has presented descriptive data on the academic progress of CUNY entrants since 1970. The findings pertaining to enrollment, graduation, and credit accumulation are generally consistent with those previously published. (cf., Kaufman and Botwinick, 1975; Lavin, 1974.) As noted in the introduction, the data on credit accumulation may still contain serious short-comings. Caution is advised in their interpretation until such time as the data file is subjected to more reliable validation procedures. Moreover, the "why" of certain of the findings would be greatly enhanced through additional data on program and staff characteristics and on student motives, expectations, and attitudes--which are not available at this time.

FOOTNOTES

1. Data for the 1970 and subsequent entering cohorts were routinely collected from the colleges by the University's Office of University Management Data, which provided us copies of the data tapes. OUMD was also responsible for validating the data collected from the colleges.

2. The distributions of students, by college, CAA, sex, etc., may differ slightly from those in the eight semester report (Kaufman and Botwinick, 1975). This reflects continuing refinements in the data file, as well as different data analysis decisions.

3. The lower credit generation among students entering CUNY after 1970 may reflect the implementation, at the colleges, of policies and programs directed toward remediation, thereby reducing students' enrollment in regular, credit-bearing courses.

4. High school average refers to the University's college admissions average (CAA), computed by the University Applications Processing Center from grades in the following academic subjects: English, mathematics, science, foreign languages, social studies.

5. The community college on-time graduation date is usually defined as two years or four semesters after entrance; the senior college on-time graduation date is usually defined as four years or eight semesters after entrance.

6. Data on race-ethnicity and family income are not part of the students' record. In order to get some indication of these attributes, data from the 1970 U.S. Census were used to categorize NYC applicants' residential areas (ZIP codes) according to the predominant race-ethnicity and median family income. The income categories were: High, $\geq$\$12,000; Middle, $\geq$\$8,000 <\$12,000; Low, <\$8,000. Applying the 1970 Census data to these areas in the years 1971 through 1974 may entail additional inaccuracies.

7. Data were available for public high schools in New York City describing the average score their students attained on the State Regents Scholarship Examination. These schools were ranked and grouped: Group I schools had the highest averages scores and Group IV schools had the lowest average scores. The grouping of high schools for 1970, 1971, and 1972 applicants was based on the scores of students taking the exam in Fall 1971 (June 1972 graduates); data for Fall 1969 and 1970 were not readily available. The grouping of high schools for 1973 applicants was based on Fall 1972 student scores (or June 1973 graduates); the 1974 categories were based on Fall 1973 student scores (or June 1974 graduates). Data were missing for several schools and the proportion of students taking the examination varied from school to school. The classification of NYC public high schools was developed as a descriptive tool for research purposes only.

Table 1 : Academic Progress Through Five Years Among Fall 1970-1974 Senior College Entrants

College of Original Enrollment	First Semester Freshmen	One Year: Enrolled 2nd Sem. at CC	One Year: Enrolled 2nd Sem. at SC	One Year: Earned ≥24 Cred. at CC	One Year: Earned ≥24 Cred. at SC	Two Years: Cum. Grad. or Enroll. 4th Sem. at CC	Two Years: Cum. Grad. or Enroll. 4th Sem. at SC	Two Years: Cum. Grad. or Earned ≥48 Cred. at CC	Two Years: Cum. Grad. or Earned ≥48 Cred. at SC	Two Years: Cum. Grad. at end of 4th Sem. at CC	Two Years: Cum. Grad. at end of 4th Sem. at SC	Three Years: Cum. Grad. or Enroll. 6th Sem. at CC	Three Years: Cum. Grad. or Enroll. 6th Sem. at SC	Three Years: Cum. Grad. or Earned ≥54 Cr. at CC	Three Years: Cum. Grad. or Earned ≥72 Cr. at SC	Three Years: Cum. Grad. at end of 6th Sem. at CC	Three Years: Cum. Grad. at end of 6th Sem. at SC
Senior College																	
1970	19,761	0.1	88.9	0.0	50.3	1.2	74.4	0.1	45.6	0.0	0.0	1.9	63.0	0.6	41.9	0.1	0.1
1971	19,023	0.5	88.0	0.1	47.2	1.9	71.2	0.3	42.0	0.1	0.0	2.5	57.3	0.9	37.5	0.3	0.5
1972	19.749	0.6	86.9	0.1	43.1	2.0	68.0	0.3	37.7	0.0	0.0	2.8	56.3	1.0	34.1	0.4	0.7
1973	19,429	0.7	85.7	0.0	35.3	2.1	68.4	0.2	32.5	0.0	0.1						
1974	21,266	0.5	87.6	0.0	32.4												

Senior College	First Semester Freshmen	Four Years: Cum. Grad. or Enroll. 8th Sem. at CC	Four Years: Cum. Grad. or Enroll. 8th Sem. at SC	Four Years: Cum. Grad. or Earned ≥54 Cr. at CC	Four Years: Cum. Grad. or Earned ≥96 Cr. at SC	Four Years: Cum. Grad. at end of 8th Sem. at CC	Four Years: Cum. Grad. at end of 8th Sem. at SC	Five Years: Cum. Grad. or Enroll. 10th Sem. at CC	Five Years: Cum. Grad. or Enroll. 10th Sem. at SC	Five Years: Cum. Grad. or Earned ≥54 Cr. at CC	Five Years: Cum. Grad. or Earned ≥108 Cr. at SC	Five Years: Cum. Grad. at end of 10th Sem. at CC	Five Years: Cum. Grad. at end of 10th Sem. at SC
1970	19,761	1.9	55.0	1.1	40.4	0.3	21.5	1.9	48.7	1.5	44.5	0.6	34.9
1971	19,023	2.6	52.1	1.5	36.6	0.7	19.0						

Table 2 : Academic Progress Through Five Years Among Fall 1970-1974 Community College Entrants

College of Original Enrollment	First Semester Freshmen	One Year: Enrolled 2nd Sem. at CC	One Year: Enrolled 2nd Sem. at SC	One Year: Earned ≥24 Cred. at CC	One Year: Earned ≥24 Cred. at SC	Two Years: Cum. Grad. or Enroll. 4th Sem. at CC	Two Years: Cum. Grad. or Enroll. 4th Sem. at SC	Two Years: Cum. Grad. or Earned ≥48 Cred. at CC	Two Years: Cum. Grad. or Earned ≥48 Cred. at SC	Two Years: Cum. Grad. at end of 4th Sem. at CC	Two Years: Cum. Grad. at end of 4th Sem. at SC	Three Years: Cum. Grad. or Enroll. 6th Sem. at CC	Three Years: Cum. Grad. or Enroll. 6th Sem. at SC	Three Years: Cum. Grad. or Earned ≥54 Cr. at CC	Three Years: Cum. Grad. or Earned ≥72 Cr. at SC	Three Years: Cum. Grad. at end of 6th Sem. at CC	Three Years: Cum. Grad. at end of 6th Sem. at SC
Community College																	
1970	14,582*	78.9	0.2	29.9	0.0	58.7	2.2	25.5	0.9	7.5	0.0	38.4	15.0	30.4	10.4	20.0	0.0
1971	16,031#	79.2	0.3	26.6	0.0	56.3	2.1	24.3	0.9	7.4	0.0	37.5	13.2	29.1	8.6	20.3	0.1
1972	15,780#	80.3	0.4	26.6	0.1	56.5	2.4	22.5	1.0	6.2	0.0	40.8	12.1	28.7	7.8	21.0	0.1
1973	16,199#	80.0	0.3	20.7	0.0	57.3	2.1	18.2	0.7	5.8	0.0						
1974	18,557#	80.5	0.4	16.8	0.1												

	First Semester Freshmen	Four Years: Cum. Grad. or Enroll. 8th Sem. at CC	Four Years: Cum. Grad. or Enroll. 8th Sem. at SC	Four Years: Cum. Grad. or Earned ≥54 Cr. at CC	Four Years: Cum. Grad. or Earned ≥96 Cr. at SC	Four Years: Cum. Grad. at end of 8th Sem. at CC	Four Years: Cum. Grad. at end of 8th Sem. at SC	Five Years: Cum. Grad. or Enroll. 10th Sem. at CC	Five Years: Cum. Grad. or Enroll. 10th Sem. at SC	Five Years: Cum. Grad. or Earned ≥54 Cr. at CC	Five Years: Cum. Grad. or Earned ≥108 Cr. at SC	Five Years: Cum. Grad. at end of 10th Sem. at CC	Five Years: Cum. Grad. at end of 10th Sem. at SC
Community College													
1970	14,582	30.9	17.5	31.5	9.0	23.1	2.9	29.0	16.5	32.2	10.9	24.6	7.0
1971	16,031#	31.5	16.3	31.0	7.6	23.9	2.1						

* The 1970 "one year" data exclude Hostos Community College entrants and are thus based on an N = 14,118. The first year enrollment data for Hostos Community College entrants were coded for one semester only; consequently, these data were deemed incomplete. The N = 14,582 (which includes Hostos Community College entrants) obtains after the first year.

\# The numbers of first semester freshmen, 1971-1974, exclude LaGuardia Community College entrants. The academic calendar at LaGuardia Community College is divided into quarters, rather than semesters; accordingly, its enrollment and credit accumulation data are not comparable to similar data from the other community colleges. LaGuardia Community College entrants are included in the graduation rates; thus, the graduation rates are percentaged on slightly larger bases.

Table 3 : Academic Progress Through One Year Among Fall 1970-1974 Senior College Entrants, by College

College of Original Enrollment	1970 Entrants: First Semester Freshmen	Enrolled 2nd Sem. at CC	Enrolled 2nd Sem. at SC	Earned ≥24 Cred. at CC	Earned ≥24 Cred. at SC	1971 Entrants: First Semester Freshmen	Enrolled 2nd Sem. at CC	Enrolled 2nd Sem. at SC	Earned ≥24 Cred. at CC	Earned ≥24 Cred. at SC	1972 Entrants: First Semester Freshmen	Enrolled 2nd Sem. at CC	Enrolled 2nd Sem. at SC	Earned ≥24 Cred. at CC	Earned ≥24 Cred. at SC
Senior College															
Baruch	1,537	0.0	89.1	0.0	34.9	1,592	0.8	87.8	0.0	31.7	1,444	0.8	84.6	0.1	34.3
Brooklyn	4,362	0.1	93.8	0.0	66.6	3,417	0.3	92.8	0.0	68.1	5,299	0.5	88.8	0.1	52.7
City	3,093	0.0	90.4	0.0	44.9	3,230	0.7	87.0	0.1	30.7	2,297	0.7	87.8	0.2	36.1
Evers	NA	NA	NA	NA	NA	461	0.7	55.3	0.0	11.5	409	1.0	87.8	0.0	3.9
Hunter	3,091	0.1	85.3	0.0	38.1	2,895	0.6	87.8	0.2	46.9	2,181	1.0	83.4	0.1	40.8
Jay	1,002	0.5	71.7	0.0	24.0	1,020	0.1	82.4	0.0	32.6	1,613	0.6	79.1	0.1	27.8
Lehman	2,370	0.0	86.9	0.0	53.2	2,279	0.4	88.5	0.1	49.5	2,148	0.3	85.4	0.0	37.6
Queens	3,458	0.0	91.3	0.0	60.5	3,214	0.5	89.6	0.0	59.7	3,292	0.2	92.0	0.0	58.8
York	848	0.6	87.9	0.0	38.9	915	0.9	89.8	0.3	39.1	1,066	0.8	85.0	0.1	27.9
SC TOTAL	19,761	0.1	88.9	0.0	50.3	19,023	0.5	88.0	0.1	47.2	19,749	0.6	86.9	0.1	43.1

College of Original Enrollment	1973 Entrants: First Semester Freshmen	Enrolled 2nd Sem. at CC	Enrolled 2nd Sem. at SC	Earned ≥24 Cred. at CC	Earned ≥24 Cred. at SC	1974 Entrants: First Semester Freshmen	Enrolled 2nd Sem. at CC	Enrolled 2nd Sem. at SC	Earned ≥24 Cred. at CC	Earned ≥24 Cred. at SC
Baruch	1,694	1.0	87.4	0.0	27.5	2,895	0.3	89.2	0.0	24.5
Brooklyn	5,306	0.8	85.2	0.1	42.5	4,854	0.8	88.3	0.1	42.3
City	2,386	0.8	85.7	0.0	30.1	2,937	0.4	89.0	0.0	28.1
Evers	421	1.2	78.9	0.0	3.3	774	0.5	77.6	0.0	6.3
Hunter	2,144	0.9	84.1	0.0	31.3	2,161	0.6	87.6	0.0	27.9
Jay	909	0.6	83.1	0.0	29.2	1,104	0.5	86.0	0.0	23.6
Lehman	2,616	0.3	84.7	0.0	32.2	2,496	0.2	83.9	0.0	23.4
Queens	2,764	0.4	90.3	0.0	51.2	3,111	0.2	90.5	0.0	52.7
York	1,189	0.5	83.9	0.0	18.9	934	0.2	85.3	0.0	17.1
SC TOTAL	19,429	0.7	85.7	0.0	35.3	21,266	0.5	87.6	0.0	32.4

Table 4 : Academic Progress Through One Year Among Fall 1970-1974 Community College Entrants, by College

College of Original Enrollment	1970 Entrants					1971 Entrants					1972 Entrants				
	First Semester Freshmen	Enrolled 2nd Sem. at CC	Enrolled 2nd Sem. at SC	Earned ≥24 Cred. at CC	Earned ≥24 Cred. at SC	First Semester Freshmen	Enrolled 2nd Sem. at CC	Enrolled 2nd Sem. at SC	Earned ≥24 Cred. at CC	Earned ≥24 Cred. at SC	First Semester Freshmen	Enrolled 2nd Sem. at CC	Enrolled 2nd Sem. at SC	Earned ≥24 Cred. at CC	Earned ≥24 Cred. at SC
Community College															
Borough of Manhattan	1,560	71.4	0.2	36.5	0.1	1,613	81.1	0.2	35.3	0.0	1,827	82.8	1.0	28.5	0.1
Bronx	1,911	73.5	0.4	14.9	0.0	2,978	77.5	0.4	12.7	0.0	2,334	77.2	0.3	8.4	0.1
Hostos*	(464)	NA	NA	NA	NA	526	67.3	0.6	14.3	0.0	413	82.1	0.0	27.6	0.0
Kingsborough	2,727	82.1	0.3	35.4	0.1	2,417	83.5	0.3	37.7	0.1	2,476	81.8	0.2	35.4	0.1
LaGuardia#	NA	NA	NA	NA	NA	(638)	NA	NA	NA	NA	(1,119)	NA	NA	NA	NA
New York City	2,450	83.1	0.2	36.2	0.1	3,155	76.3	0.3	32.5	0.0	3,377	78.2	0.3	32.5	0.1
Queensborough	3,304	76.1	0.1	20.3	0.0	3,009	79.6	0.4	18.5	0.0	3,331	82.0	0.4	18.1	0.0
Staten Island	2,166	84.3	0.1	39.0	0.0	2,333	82.0	0.1	32.2	0.1	2,022	80.2	0.2	38.7	0.0
CC TOTAL	14,118	78.9	0.2	29.9	0.0	16,031	79.2	0.3	26.6	0.0	15,780	80.3	0.4	26.6	0.1

College of Original Enrollment	1973 Entrants					1974 Entrants				
Borough of Manhattan	2,152	81.5	0.6	14.0	0.0	2,214	82.0	0.5	8.5	0.1
Bronx	2,453	76.4	0.3	5.2	0.0	3,131	75.4	0.7	3.0	0.0
Hostos	1,323	78.8	0.5	13.8	0.0	853	76.7	0.7	13.4	0.1
Kingsborough	2,284	81.7	0.3	31.1	0.1	2,543	84.2	0.4	30.2	0.1
LaGuardia#	(1,331)	NA	NA	NA	NA	(1,216)	NA	NA	NA	NA
New York City	2,747	79.4	0.5	30.5	0.0	3,437	82.4	0.5	21.4	0.1
Queensborough	3,187	81.7	0.2	17.9	0.0	3,770	80.2	0.3	14.2	0.0
Staten Island	2,053	79.9	0.1	30.1	0.0	2,609	81.1	0.3	26.2	0.1
CC TOTAL	16,199	80.0	0.3	20.7	0.0	18,557	80.5	0.4	16.8	0.1

* See footnote on Table 2.

\# See footnote on Table 2.

Table 5 : Academic Progress Through One Year Among Fall 1970-1974 Senior College Entrants, by College Admissions Average (CAA), Sex, Residential Area Characteristics and High School

College of Original Enrollment	1970 Entrants					1971 Entrants					1972 Entrants				
	First Semester Freshmen	Enrolled 2nd Sem. at CC	Enrolled 2nd Sem. at SC	Earned ≥24 Cred. at CC	Earned ≥24 Cred. at SC	First Semester Freshmen	Enrolled 2nd Sem. at CC	Enrolled 2nd Sem. at SC	Earned ≥24 Cred. at CC	Earned ≥24 Cred. at SC	First Semester Freshmen	Enrolled 2nd Sem. at CC	Enrolled 2nd Sem. at SC	Earned ≥24 Cred. at CC	Earned ≥24 Cred. at SC
Senior College															
CAA															
>80	10,341	0.0	92.4	0.0	68.1	10,011	0.3	91.8	0.0	67.4	9,437	0.5	91.0	0.1	63.9
75-79	4,461	0.0	87.2	0.0	40.9	4,451	0.7	86.1	0.1	34.3	4,501	0.6	84.7	0.1	32.7
70-74	2,520	0.2	84.7	0.0	23.6	2,610	0.8	84.4	0.1	18.2	2,822	0.6	82.4	0.1	16.9
<70	1,670	0.2	81.8	0.0	11.6	1,484	0.7	79.4	0.1	9.8	1,672	0.6	82.8	0.1	8.0
Sex															
Females	8,866	0.0	90.9	0.0	57.1	9,497	0.5	89.0	0.1	52.4	9,333	0.5	88.3	0.1	47.4
Males	9,873	0.1	89.0	0.0	46.6	9,497	0.5	87.0	0.0	42.0	9,430	0.6	86.3	0.1	39.9
Predom. Area Characteristic															
White, Hi Inc.	3,881	0.1	92.0	0.0	61.8	3,860	0.8	90.1	0.1	59.1	3,675	0.5	89.6	0.1	56.2
White, Mid Inc.	8,824	0.0	90.9	0.0	59.1	8,922	0.4	89.5	0.1	54.8	9,133	0.7	88.2	0.1	49.9
White, Low Inc.	1,241	0.0	88.4	0.0	42.6	1,230	0.2	86.3	0.0	35.9	1,176	0.3	81.4	0.0	32.8
Minority, Mid Inc.	670	0.1	92.1	0.0	39.0	813	0.6	88.4	0.0	32.0	840	0.6	87.0	0.4	29.9
Minority, Low Inc.	3,019	0.1	87.1	0.0	24.3	3,058	0.7	85.1	0.1	20.0	3,411	0.3	85.0	0.1	18.1
High School Type															
N.Y.C. Public															
I	4,657	0.0	92.9	0.0	62.7	4,359	0.7	91.4	0.2	61.1	4,538	0.6	91.9	0.1	58.3
II	4,365	0.0	91.7	0.0	54.1	4,354	0.4	90.1	0.0	50.8	3,973	0.7	88.3	0.2	45.0
III	2,881	0.1	87.6	0.0	31.1	2,892	0.5	86.0	0.0	25.2	2,797	0.5	84.7	0.0	20.3
IV	756	0.1	82.3	0.0	13.6	876	0.3	81.5	0.0	11.9	898	0.2	78.2	0.0	9.9
N.Y.C. Private	4,747	0.0	88.6	0.0	57.0	4,699	0.4	87.6	0.0	54.7	4,757	0.5	87.3	0.1	52.7

Table 5 : Continued

College of Original Enrollment	1973 Entrants: First Semester Freshmen	1973: Enrolled 2nd Sem. at CC	1973: Enrolled 2nd Sem. at SC	1973: Earned ≥24 Cred. at CC	1973: Earned ≥24 Cred. at SC	1974 Entrants: First Semester Freshmen	1974: Enrolled 2nd Sem. at CC	1974: Enrolled 2nd Sem. at SC	1974: Earned ≥24 Cred. at CC	1974: Earned ≥24 Cred. at SC
Senior College										
CAA										
>80	8,707	0.5	90.0	0.0	56.8	9,399	0.4	90.7	0.1	53.2
75-79	4,183	0.9	84.7	0.0	26.6	4,364	0.5	87.1	0.0	22.7
70-74	2,588	0.9	82.6	0.1	13.5	3,189	0.6	85.4	0.0	11.1
<70	2,576	0.8	78.7	0.0	5.6	2,852	0.4	83.1	0.0	6.1
Sex										
Females	9,249	0.6	87.0	0.0	39.4	10,273	0.4	88.8	0.0	35.0
Males	9,181	0.8	85.1	0.0	32.7	9,737	0.5	86.9	0.0	30.1
Predom. Area Characteristic										
White, Hi Inc.	3,383	1.1	87.9	0.0	47.4	3,669	0.5	89.6	0.0	46.6
White, Mid Inc.	9,023	0.7	86.8	0.1	43.1	9,612	0.5	88.1	0.1	38.3
White, Low Inc.	1,266	0.9	82.9	0.0	23.5	1,339	0.6	84.3	0.0	20.4
Minority, Mid Inc.	822	0.2	87.6	0.0	19.8	930	0.2	87.7	0.0	17.8
Minority, Low Inc.	3,479	0.4	83.4	0.0	12.7	3,991	0.4	87.3	0.0	11.4
High School Type										
N.Y.C. Public										
I	4,282	0.8	90.0	0.0	50.2	4,831	0.6	92.1	0.0	47.2
II	4,196	1.0	86.7	0.1	36.2	3,878	0.6	89.5	0.1	33.0
III	2,717	0.4	83.7	0.0	13.9	3,002	0.3	85.8	0.0	10.2
IV	963	0.4	81.2	0.0	6.9	919	0.1	85.9	0.0	8.1
N.Y.C. Private	4,421	0.6	86.3	0.0	46.7	4,463	0.4	87.1	0.0	43.6

Table 6 Academic Progress Through One Year Among Fall 1970-1974 Community College Entrants, by College Admissions Average (CAA), Sex, Residental Area Characteristic, and High School

College of Original Enrollment	1970 Entrants*					1971 Entrants#					1972 Entrants#				
	First Semester Freshmen	Enrolled 2nd Sem. at CC	Enrolled 2nd Sem. at SC	Earned ≥24 Cred. at CC	Earned ≥24 Cred. at SC	First Semester Freshmen	Enrolled 2nd Sem. at CC	Enrolled 2nd Sem. at SC	Earned ≥24 Cred. at CC	Earned ≥24 Cred. at SC	First Semester Freshmen	Enrolled 2nd Sem. at CC	Enrolled 2nd Sem. at SC	Earned ≥24 Cred. at CC	Earned ≥24 Cred. at SC
Community College															
CAA															
≥80	1,364	82.2	0.5	52.3	0.1	1,551	83.0	0.4	47.8	0.1	1,749	86.6	0.3	48.4	0.0
75-79	2,878	81.8	0.2	40.9	0.0	3,211	82.5	0.2	35.4	0.0	2,839	84.0	0.1	35.6	0.0
70-74	4,181	80.1	0.2	28.2	0.1	4,517	79.2	0.4	25.9	0.0	4,003	79.8	0.3	25.0	0.0
<70	4,152	77.7	0.1	18.0	0.0	5,178	76.3	0.3	15.3	0.0	4,717	78.2	0.4	16.3	0.0
Sex															
Females	6,042	83.1	0.2	37.9	0.0	7,611	82.5	0.4	31.0	0.0	7,203	83.2	0.3	30.1	0.0
Males	6,565	80.1	0.2	23.7	0.0	8,302	76.2	0.2	22.5	0.0	6,585	78.1	0.3	23.1	0.0
Predom. Area Characteristic															
White, Hi Inc.	2,586	83.9	0.1	34.2	0.0	2,856	81.5	0.4	28.7	0.0	2,845	82.1	0.2	31.3	0.0
White, Mid Inc.	5,580	81.2	0.2	34.1	0.1	6,411	79.2	0.3	29.7	0.0	6,055	79.8	0.3	30.4	0.0
White, Low Inc.	782	79.2	0.6	26.3	0.3	913	77.9	0.1	21.6	0.0	871	81.9	0.0	21.7	0.0
Minority, Mid Inc.	541	83.7	0.4	19.8	0.0	641	80.2	0.9	18.9	0.0	618	81.6	0.3	19.9	0.0
Minority, Low Inc.	2,172	80.1	0.1	22.0	0.0	3,017	78.1	0.2	17.9	0.0	3,052	81.2	0.3	18.6	0.0
High School Type															
N.Y.C. Public															
I	2,677	84.0	0.1	33.0	0.0	3,163	83.6	0.3	32.0	0.1	2,907	82.9	0.4	33.0	0.0
II	2,888	82.8	0.2	30.7	0.1	3,334	79.4	0.2	25.6	0.0	2,835	77.9	0.3	26.7	0.0
III	2,122	80.0	0.2	23.0	0.0	2,667	75.8	0.4	18.2	0.0	2,281	81.2	0.1	17.8	0.0
IV	958	75.2	0.7	16.0	0.1	1,176	76.9	0.2	16.9	0.0	1,109	78.5	0.1	16.0	0.0
N.Y.C. Private	2,825	80.6	0.0	37.9	0.0	2,698	78.8	0.3	36.1	0.0	2,317	80.1	0.5	38.1	0.1

* See footnote on Table 2.

See footnote on Table 2.

Table 6 : Continued

College of Original Enrollment	1973 Entrants[1] First Semester Freshmen	Enrolled 2nd Sem. at CC	Enrolled 2nd Sem. at SC	Earned ≥24 Cred. at CC	Earned ≥24 Cred. at SC	1974 Entrants[1] First Semester Freshmen	Enrolled 2nd Sem. at CC	Enrolled 2nd Sem. at SC	Earned ≥24 Cred. at CC	Earned ≥24 Cred. at SC
Community College										
CAA										
≥80	2,035	86.9	0.2	45.2	0.1	2,639	84.5	0.4	37.0	0.1
75-79	2,837	82.9	0.4	27.5	0.0	3,367	83.1	0.5	22.5	0.1
70-74	4,239	79.8	0.3	19.2	0.0	5,002	80.2	0.4	15.6	0.0
<70	4,656	77.9	0.3	10.4	0.0	5,960	78.6	0.4	7.4	0.0
Sex										
Females	7,670	82.7	0.3	23.1	0.0	9,632	81.9	0.4	17.9	0.1
Males	6,508	78.7	0.3	19.5	0.1	7,722	79.4	0.5	16.2	0.0
Predom. Area Characteristic										
White, Hi Inc.	2,781	81.7	0.3	27.7	0.1	3,462	82.2	0.3	23.1	0.1
White, Mid Inc.	5,923	80.4	0.4	25.8	0.0	7,344	80.1	0.5	20.7	0.1
White, Low Inc.	1,085	79.7	0.4	16.4	0.0	1,382	79.7	0.1	11.4	0.0
Minority, Mid Inc.	705	83.4	0.0	11.3	0.0	775	79.9	0.6	8.0	0.1
Minority, Low Inc.	3,352	81.0	0.3	11.6	0.0	3,994	82.0	0.4	8.6	0.0
High School Type										
N.Y.C. Public										
I	2,436	83.3	0.3	28.5	0.1	3,275	83.5	0.2	25.6	0.0
II	2,899	80.7	0.3	25.0	0.0	2,951	80.8	0.4	20.4	0.1
III	2,475	80.3	0.1	12.6	0.0	2,838	81.4	0.5	8.7	0.0
IV	1,131	78.8	0.1	10.3	0.0	1,351	80.2	0.1	6.1	0.0
N.Y.C. Private	2,159	79.9	0.4	33.1	0.0	2,176	79.0	0.6	29.2	0.1

[1] See footnote on Table 2.

Table 7 : Academic Progress Through Four Years and Five Years Among Fall 1970 Entrants, by College

College of Original Enrollment	First Semester Freshmen	Four Years: Cum. Grad. or Enroll. 8th Sem. at CC	Four Years: Cum. Grad. or Enroll. 8th Sem. at SC	Four Years: Cum. Grad. or Earned ≥54 Cr. at CC	Four Years: Cum. Grad. or Earned ≥96 Cr. at SC	Four Years: Cum. Grad. at end of 8th Sem. at CC	Four Years: Cum. Grad. at end of 8th Sem. at SC	Five Years: Cum. Grad. or Enroll. 10th Sem. at CC	Five Years: Cum. Grad. or Enroll. 10th Sem. at SC	Five Years: Cum. Grad. or Earned ≥54 Cr. at CC	Five Years: Cum. Grad. or Earned ≥108 Cr. at SC	Five Years: Cum. Grad. at end of 10th Sem. at CC	Five Years: Cum. Grad. at end of 10th Sem. at SC
Senior College													
Baruch	1,537	1.9	46.0	1.5	32.2	0.3	12.2	2.7	43.4	2.0	37.4	0.7	30.8
Brooklyn	4,362	1.5	60.8	0.9	52.1	0.3	27.9	1.5	49.8	1.3	54.1	0.5	37.3
City	3,093	2.2	55.0	1.0	36.0	0.3	15.3	2.1	50.7	1.4	41.8	0.6	32.6
Hunter	3,091	2.5	49.8	1.3	34.3	0.4	20.8	2.4	46.7	2.0	38.8	0.9	34.1
Jay	1,002	1.4	35.7	0.6	12.9	0.3	6.5	1.1	31.0	0.8	17.0	0.3	14.1
Lehman	2,370	2.0	53.0	1.0	39.6	0.3	26.4	1.6	49.7	1.2	43.2	0.4	39.1
Queens	3,458	1.9	64.7	1.2	49.8	0.5	26.0	1.5	55.2	1.5	54.0	0.8	40.9
York	848	2.1	49.5	1.3	31.0	0.2	16.2	2.8	44.2	2.0	35.1	0.5	29.2
SC TOTAL	19,761	1.9	55.0	1.1	40.4	0.3	21.5	1.9	48.7	1.5	44.5	0.6	34.9
Community College													
Borough of Manhattan	1,560	38.3	22.9	38.1	11.5	30.8	3.3	35.8	22.2	38.9	14.0	32.3	9.4
Bronx	1,911	27.1	15.0	25.8	6.1	17.4	1.9	24.4	16.4	25.9	8.9	18.2	5.9
Hostos	464	14.9	13.8	13.8	4.5	8.0	1.7	14.9	11.9	14.0	5.6	9.3	3.9
Kingsborough	2,727	36.0	21.5	35.3	13.3	28.6	4.2	34.7	17.9	36.8	14.7	30.6	8.0
New York City	2,450	32.7	11.0	38.2	6.0	25.5	1.5	31.1	10.9	38.8	6.8	26.9	3.7
Queensborough	3,304	30.2	16.6	27.9	7.9	22.3	2.3	28.1	16.0	28.5	10.1	23.6	7.1
Staten Island	2,166	24.7	20.4	28.9	10.1	17.6	4.5	22.9	18.6	29.2	12.4	19.3	9.5
CC TOTAL	14,582	30.9	17.5	31.5	9.0	23.1	2.9	29.0	16.5	32.2	10.9	24.6	7.0

Table 8: Academic Progress Through Four Years and Five Years Among Fall 1970 Senior College Entrants, by College Admissions Average (CAA), Sex, Residential Area Characteristic, and High School

College of Original Enrollment	First Semester Freshmen	Four Years: Cum. Grad. or Enroll. 8th Sem. at CC	Four Years: Cum. Grad. or Enroll. 8th Sem. at SC	Four Years: Cum. Grad. or Earned ≥54 Cr. at CC	Four Years: Cum. Grad. or Earned ≥96 Cr. at SC	Four Years: Cum. Grad. at end of 8th Sem. at CC	Four Years: Cum. Grad. at end of 8th Sem. at SC	Five Years: Cum. Grad. or Enroll. 10th Sem. at CC	Five Years: Cum. Grad. or Enroll. 10th Sem. at SC	Five Years: Cum. Grad. or Earned ≥54 Cr. at CC	Five Years: Cum. Grad. or Earned ≥108 Cr. at SC	Five Years: Cum. Grad. at end of 10th Sem. at CC	Five Years: Cum. Grad. at end of 10th Sem. at SC
Senior College													
CAA													
≥80	10,341	1.3	65.9	0.8	55.5	0.3	31.5	1.2	58.4	1.1	59.0	0.5	47.1
75-79	4,461	2.5	49.0	1.5	32.0	0.5	14.6	2.7	44.4	2.2	36.9	1.0	28.4
70-74	2,520	2.8	39.5	1.2	18.7	0.4	7.6	2.7	34.8	1.8	23.8	0.7	17.4
<70	1,670	3.1	32.9	1.6	8.9	0.4	2.8	2.8	26.2	2.0	13.1	0.6	9.0
Sex													
Females	8,866	2.0	57.4	1.2	46.6	0.5	29.4	1.8	51.8	1.6	49.9	0.7	41.4
Males	9,873	1.9	54.8	1.0	36.9	0.3	15.6	1.9	47.7	1.4	41.7	0.5	30.9
Predom. Area Charac.													
White, Hi Inc.	3,881	1.8	62.8	1.3	50.1	0.4	27.0	1.5	55.1	1.4	54.2	0.6	42.8
White, Mid Inc.	8,824	1.8	59.2	1.0	46.7	0.4	25.3	1.7	52.3	1.4	50.3	0.7	39.7
White, Low Inc.	1,241	2.3	52.2	1.4	35.9	0.2	18.0	3.1	47.5	2.1	40.4	0.8	31.4
Minority, Mid Inc.	670	3.1	52.4	1.0	31.8	0.3	15.1	2.8	45.7	2.2	37.2	0.4	28.7
Minority, Low Inc.	3,019	2.4	43.2	1.2	22.5	0.3	9.7	2.2	38.3	1.6	27.6	0.6	20.5
High School Type													
N.Y.C. Public													
I	4,657	1.6	65.0	1.0	50.7	0.3	26.4	1.4	56.9	1.1	55.1	0.5	43.0
II	4,365	1.9	59.1	0.9	44.1	0.3	22.5	1.9	51.2	1.5	48.2	0.6	37.5
III	2,881	2.6	46.7	1.4	27.7	0.5	13.2	2.6	41.4	2.1	32.7	0.9	24.8
IV	756	4.0	30.3	1.3	12.2	0.3	4.4	3.7	26.9	2.4	15.3	0.7	10.4
N.Y.C. Private	4,747	1.7	55.2	1.2	44.3	0.3	25.2	1.6	50.3	1.4	47.8	0.6	38.7

Table 9 : Academic Progress Through Four Years and Five Years Among Fall 1970 Community College Entrants, by College Admissions Average (CAA), Sex, Residential Area Characteristic, and High School

College of Original Enrollment	First Semester Freshmen	Four Years: Cum. Grad. or Enroll. 8th Sem. at CC	Four Years: Cum. Grad. or Enroll. 8th Sem. at SC	Four Years: Cum. Grad. or Earned ≥54 Cr. at CC	Four Years: Cum. Grad. or Earned ≥96 Cr. at SC	Four Years: Cum. Grad. at end of 8th Sem. at CC	Four Years: Cum. Grad. at end of 8th Sem. at SC	Five Years: Cum. Grad. or Enroll. 10th Sem. at CC	Five Years: Cum. Grad. or Enroll. 10th Sem. at SC	Five Years: Cum. Grad. or Earned ≥54 Cr. at CC	Five Years: Cum. Grad. or Earned ≥108 Cr. at SC	Five Years: Cum. Grad. at end of 10th Sem. at CC	Five Years: Cum. Grad. at end of 10th Sem. at SC
Community College													
CAA													
≥80	1,376	43.7	19.2	47.1	12.2	38.7	5.2	43.0	18.8	47.6	13.9	40.1	10.5
75-79	2,925	36.2	20.4	39.6	12.1	30.4	4.0	35.2	19.3	40.0	13.8	31.9	9.7
70-74	4,286	31.6	19.5	32.0	9.9	23.6	2.8	29.4	18.0	32.7	12.1	25.1	7.7
<70	4,289	24.3	13.8	23.0	5.0	15.3	1.5	21.7	12.9	23.5	7.0	16.5	3.8
Sex													
Females	6,349	36.9	17.8	39.3	10.3	29.8	4.0	35.2	16.8	39.9	11.9	31.2	8.8
Males	6,717	26.2	17.7	25.6	7.8	18.2	1.8	24.2	16.4	26.1	10.0	19.5	5.5
Predom. Area Charac.													
White, Hi Inc.	2,603	33.5	21.1	34.0	11.5	26.9	4.4	32.2	19.1	34.5	14.1	28.2	10.0
White, Mid Inc.	5,639	33.1	18.8	34.4	10.2	26.2	3.2	31.2	16.9	35.1	12.3	27.7	7.8
White, Low Inc.	808	27.7	14.7	29.7	7.9	20.7	1.4	26.9	13.6	29.7	8.0	21.9	5.3
Minority, Mid Inc.	559	27.7	16.8	28.1	6.3	18.4	1.1	24.5	17.2	27.9	8.6	19.9	4.8
Minority, Low Inc.	2,262	30.5	13.1	30.3	4.8	20.2	1.3	28.2	14.5	31.3	6.6	21.8	3.8
High School Type													
N.Y.C. Public													
I	2,696	35.1	21.5	35.4	12.1	28.4	3.2	33.2	19.8	36.2	14.1	29.6	8.7
II	2,969	29.8	18.6	31.2	9.4	22.8	3.1	28.3	16.5	31.7	11.6	24.1	7.3
III	2,265	29.8	14.6	30.5	5.8	20.0	1.6	27.2	14.8	30.7	7.6	21.7	4.8
IV	1,037	24.2	7.2	25.3	1.9	14.9	0.3	22.2	7.0	26.5	3.4	16.2	1.6
N.Y.C. Private	2,867	33.5	19.1	34.1	10.6	26.9	4.2	31.7	18.0	34.8	12.6	28.5	8.9

Table 10: Academic Progress Through Four Years Among Fall 1971 Entrants, by College

College of Original Enrollment	First Semester Freshmen	Four Years: Cum. Grad. or Enroll. 8th Sem. at CC	Cum. Grad. or Enroll. 8th Sem. at SC	Cum. Grad. or Earned ≥54 Cr. at CC	Cum. Grad. or Earned ≥96 Cr. at SC	Cum. Grad. at end of 8th Sem. at CC	Cum. Grad. at end of 8th Sem. at SC
Senior College							
Baruch	1,592	3.0	46.0	1.8	28.6	0.9	11.1
Brooklyn	3,417	2.4	58.0	1.7	51.6	0.8	25.9
City	3,230	3.1	49.9	1.7	29.8	0.7	12.0
Evers	461	3.0	39.9	1.3	14.5	0.4	12.4
Hunter	2,895	2.9	50.2	1.7	33.5	0.8	18.9
Jay	1,020	2.5	36.0	1.1	18.1	0.4	9.9
Lehman	2,279	2.0	50.2	0.7	34.8	0.4	21.8
Queens	3,214	2.0	61.9	1.2	45.8	0.7	26.3
York	915	4.5	49.0	2.7	33.2	1.4	14.2
SC TOTAL	19,023	2.6	52.1	1.5	36.6	0.7	19.0
Community College							
Borough of Manhattan	1,613	35.5	20.5	36.9	9.5	30.3	1.7
Bronx	2,978	23.8	12.7	21.9	4.1	12.8	1.1
Hostos	526	36.3	14.3	27.4	1.9	24.9	1.7
Kingsborough	2,417	42.2	23.3	40.6	12.9	35.1	3.6
LaGuardia#	(638)	NA	NA	NA	NA	45.9	0.3
New York City	3,155	30.6	12.7	32.5	5.9	22.5	1.3
Queensborough	3,009	32.2	15.5	29.3	7.6	22.3	2.3
Staten Island	2,333	26.7	17.1	29.6	8.8	19.7	3.5
CC TOTAL#	16,031	31.5	16.3	31.0	7.6	23.9	2.1

See footnote on Table 2.

Table 11: Academic Progress Through Four Years Among Fall 1971 Senior College Entrants, by College Admissions Average (CAA), Sex, Residential Area Characteristic, and High School.

College of Original Enrollment	First Semester Freshmen	Four Years: Cum. Grad. or Enroll. 8th Sem. at CC	Cum. Grad. or Enroll. 8th Sem. at SC	Cum. Grad. or Earned ≥54 Cr. at CC	Cum. Grad. or Earned ≥96 Cr. at SC	Cum. Grad. at end of 8th Sem. at CC	Cum. Grad. at end of 8th Sem. at SC
Senior College							
CAA							
≥80	10,011	1.7	62.8	1.2	51.6	0.6	29.0
75-79	4,451	4.0	45.7	2.1	26.9	1.0	10.9
70-74	2,610	3.5	37.2	1.9	16.4	0.9	6.0
<70	1,484	3.4	31.5	1.3	8.5	0.3	3.7
Sex							
Females	9,497	2.5	53.9	1.5	40.8	0.8	24.1
Males	9,497	2.8	50.4	1.5	32.6	0.6	14.0
Predom. Area Charac.							
White, Hi Inc.	3,860	3.2	57.8	2.2	43.9	1.2	24.7
White, Mid Inc.	8,922	2.2	55.2	1.4	42.4	0.6	21.7
White, Low Inc.	1,230	2.5	47.5	1.5	30.7	0.6	14.8
Minority, Mid Inc.	813	3.2	49.4	1.7	26.8	0.9	13.3
Minority, Low Inc.	3,058	3.4	41.9	1.2	18.9	0.4	7.6
High School Type							
N.Y.C. Public							
I	4,359	2.8	60.1	1.8	46.5	0.9	25.0
II	4,354	2.9	54.8	1.8	40.1	0.8	19.5
III	2,892	3.1	44.4	1.2	22.6	0.5	9.8
IV	876	5.1	30.7	1.6	11.4	0.5	3.2
N.Y.C. Private	4,699	1.6	54.2	1.1	41.2	0.6	23.3

Table 12: Academic Progress Through Four Years Among Fall 1971 Community College Entrants, by College Admissions Average (CAA), Sex, Residential Area Characteristic, and High School

College of Original Enrollment	First Semester Freshmen#	Fours Years: Cum. Grad. or Enroll. 8th Sem. at CC	at SC	Cum. Grad. or Earned ≥54 Cr. at CC	≥ 96 Cr. at SC	Cum. Grad. at end of 8th Sem. at CC	at SC
Community College							
CAA							
≥80	1,551	43.4	21.5	47.3	13.1	38.6	4.3
75-79	3,211	37.5	20.5	38.6	10.6	31.4	3.2
70-74	4,517	30.4	17.5	30.7	8.2	23.3	2.1
<70	5,178	25.4	11.3	21.8	3.6	14.9	0.7
Sex							
Females	7,611	36.4	16.9	37.1	8.3	29.9	2.5
Males	8,302	26.9	15.5	25.3	6.8	18.1	1.6
Predom. Area Charac.							
White, Hi Inc.	2,856	31.9	18.9	31.9	10.2	24.6	3.0
White, Mid Inc.	6,411	31.4	17.6	31.7	9.0	24.7	2.5
White, Low Inc.	913	32.5	14.7	31.0	4.8	23.5	0.7
Minority Mid Inc.	641	30.0	14.8	28.4	4.8	21.7	0.7
Minority, Low Inc.	3,017	30.7	12.0	27.9	3.5	19.8	0.8
High School Type							
N.Y.C. Public							
I	3,163	34.2	21.1	34.0	11.7	27.3	3.3
II	3,334	29.5	15.1	29.4	6.7	22.0	1.8
III	2,667	28.3	11.8	26.8	4.1	19.1	0.8
IV	1,176	27.1	7.3	24.6	2.7	16.2	0.3
N.Y.C. Private	2,698	33.2	20.1	35.2	10.5	28.2	3.2

See footnote on Table 2.

Table 13: Senior College Graduation: Comparison of National Sample (Fall 1966 Freshmen) and CUNY Cohorts (Fall 1970 and 1971 Freshmen) After Four Years, and CUNY Fall 1970 Cohort After Five Years

High School Average*	Number of Freshmen: CUNY 1970	Number of Freshmen: CUNY 1971	Number of Freshmen: National Actual	Number of Freshmen: National Weighted	Received Bachelor's Degree After four years: CUNY 1970	Received Bachelor's Degree After four years: CUNY 1971	Received Bachelor's Degree After four years: National**	Received Bachelor's Degree After five years: CUNY 1970
≥ 80	10,341	10,011	3,069	239,280	31.5%	29.0%	49.1%	47.1%
75-79	4,461	4,451	461	50,629	14.6	10.9	26.5	28.4
70-74	2,520	2,610	284	36,783	7.6	6.0	14.3	17.4

*In the lowest high school average category (those with average of less than 70) the actual number of students in the national sample is too small (N=10) to be a reliable comparison group for CUNY where the numbers in this category were 1,670 in 1970 and 1,484 in 1971.

**Based on weighted data for public four year colleges (Source: Alexander W. Astin, personal communication).

Table 14: Community College Graduation: Comparison of National Sample (Fall 1966 Freshmen) and CUNY Cohorts (Fall 1970 and 1971 Freshmen) After Four Years, and CUNY Fall 1970 Cohort After Five Years

High School Average*	Number of Freshmen: CUNY 1970	CUNY 1971	National Actual	National Weighted	Received Associate's Degree After Four Years: CUNY 1970	CUNY 1971	National**	Received Associate's Degree After Five Years: CUNY 1970
≥ 80	1,376	1,551	770	119,529	38.7%	38.6%	34.8%	40.1%
75-79	2,925	3,211	373	67,195	30.4	31.4	27.4	31.9
70-74	4,286	4,517	348	65,160	23.6	23.3	20.4	25.1

*In the lowest high school average category (those with averages of less than 70) the actual number of students in the national sample is too small (N=19) to be a reliable comparison group for CUNY where the numbers in this category were 4,289 in 1970 and 5,178 in 1971.

**Based on weighted data for public two year colleges (Source: Alexander W. Astin, personal communication).